

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	54	359/676.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:20
L2	1	359/677.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:20
L3	4	359/678.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:20
L4	3	359/679.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:20
L5	14	359/680.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:20
L6	1	359/681.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:20
L7	19	359/682.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:20
L8	35	359/683.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:21
L9	34	359/684.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:21
L10	6	359/685.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 12:21
L11	127	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10	US-PGPUB; USPAT	OR	ON	2010/05/12 12:21

L12	33	359/686.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:09
L13	55	359/687.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:09
L14	4	359/688.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:09
L15	38	359/689.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:09
L16	9	359/690.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:09
L17	17	359/691.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:10
L18	4	359/692.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:10
L19	132	12 or 13 or 14 or 15 or 16 or 17 or 18	US-PGPUB; USPAT	OR	ON	2010/05/12 13:10
L20	202	11 or 19	US-PGPUB; USPAT	OR	ON	2010/05/12 13:10
L21	37419	(mirror\$3 or reflect\$4 or deflect\$4) with (pivot\$4)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:11
L22	3	20 and 21	US-PGPUB; USPAT	OR	ON	2010/05/12 13:11
L23	146719	(mirror\$3 or reflect\$4 or deflect\$4) with (move\$1 or moving)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:11
L24	22	20 and 23	US-PGPUB; USPAT	OR	ON	2010/05/12 13:11
L25	22	22 or 24	US-PGPUB; USPAT	OR	ON	2010/05/12 13:11

L26	180	20 not 25	US-PGPUB; USPAT	OR	ON	2010/05/12 13:13
L27	56449	(mirror\$3 or reflect\$4 or deflect\$4) with (shift\$3)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:13
L28	1	26 and 27	US-PGPUB; USPAT	OR	ON	2010/05/12 13:13
L29	2528	(lens\$2 or barrel\$1) with sink\$3	US-PGPUB; USPAT	OR	ON	2010/05/12 13:13
L30	0	20 and 29	US-PGPUB; USPAT	OR	ON	2010/05/12 13:13
L31	696189	(first) near5 (group or unit)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:14
L32	1845349	(mirror\$3 or reflect\$4 or deflect\$4)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:14
L33	231325	31 and 32	US-PGPUB; USPAT	OR	ON	2010/05/12 13:14
L34	84	26 and 33	US-PGPUB; USPAT	OR	ON	2010/05/12 13:14
L35	42376	(stop\$1 or diaphragm\$1 or iris\$2) near5 (fixed or immovabable or non- mov\$4)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:15
L36	0	(stop\$1 or diaphragm\$1 or iris\$2) near5 ("not" adj mov\$6)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:15
L37	15	34 and 35	US-PGPUB; USPAT	OR	ON	2010/05/12 13:15
L38	69	34 not 37	US-PGPUB; USPAT	OR	ON	2010/05/12 13:16
L39	96	26 not 34	US-PGPUB; USPAT	OR	ON	2010/05/12 13:18

L40	78	359/811.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L41	24	359/813.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L42	15	359/817.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L43	105	359/819.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L44	62	359/822.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L45	62	359/823.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L46	250	40 or 41 or 42 or 43 or 44 or 45	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L47	250	46 not 20	US-PGPUB; USPAT	OR	ON	2010/05/12 13:20
L48	105	32 and 47	US-PGPUB; USPAT	OR	ON	2010/05/12 13:21
L49	0	29 and 48	US-PGPUB; USPAT	OR	ON	2010/05/12 13:21
L50	72470	zoom\$3	US-PGPUB; USPAT	OR	ON	2010/05/12 13:21
L51	256057	(variable or vary\$3 or varies or chang \$3) near5 (focal or power\$1 or magnification\$1)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:22
L52	1157	varifocal\$1 or vari-focal\$1	US-PGPUB; USPAT	OR	ON	2010/05/12 13:22
L53	3555	variable-focal or (variable adj focal)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:22

L54	10556	variable-power or (variable adj power)	US-PGPUB; USPAT	OR	ON	2010/05/12 13:22
L55	310936	50 or 51 or 52 or 53 or 54	US-PGPUB; USPAT	OR	ON	2010/05/12 13:23
L56	90	47 and 55	US-PGPUB; USPAT	OR	ON	2010/05/12 13:23
L57	2	21 and 56	US-PGPUB; USPAT	OR	ON	2010/05/12 13:23
L58	7	23 and 56	US-PGPUB; USPAT	OR	ON	2010/05/12 13:24
L59	2	27 and 56	US-PGPUB; USPAT	OR	ON	2010/05/12 13:24
L60	0	29 and 56	US-PGPUB; USPAT	OR	ON	2010/05/12 13:24
L61	9	57 or 58 or 59	US-PGPUB; USPAT	OR	ON	2010/05/12 13:25
L62	81	56 not 61	US-PGPUB; USPAT	OR	ON	2010/05/12 13:25
L63	38	359/726.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:26
L64	4	359/733.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:26
L65	0	359/734.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:26
L66	1	359/735.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:26
L67	7	359/736.ccls. and @pd>="20091101"	US-PGPUB; USPAT	OR	ON	2010/05/12 13:27

L68	50	63 or 64 or 65 or 66 or 67	US-PGPUB; USPAT	OR	ON	2010/05/12 13:27
L69	24	55 and 68	US-PGPUB; USPAT	OR	ON	2010/05/12 13:27
L70	1	21 and 69	US-PGPUB; USPAT	OR	ON	2010/05/12 13:28
L71	14	23 and 69	US-PGPUB; USPAT	OR	ON	2010/05/12 13:28
L72	2	27 and 69	US-PGPUB; USPAT	OR	ON	2010/05/12 13:29
L73	0	29 and 69	US-PGPUB; USPAT	OR	ON	2010/05/12 13:29
L74	14	70 or 71 or 72 or 73	US-PGPUB; USPAT	OR	ON	2010/05/12 13:30
L75	10	69 not 74	US-PGPUB; USPAT	OR	ON	2010/05/12 13:30
L76	4370	(359/676-692).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/12 13:31
L77	1273	(mirror\$3 or reflect\$4 or deflect\$4) near7 fulcrum\$1	US-PGPUB; USPAT	OR	ON	2010/05/12 13:31
L78	1	76 and 77	US-PGPUB; USPAT	OR	ON	2010/05/12 13:31
L79	106097	(mirror\$3 or reflect\$4 or deflect\$4) near7 rotat\$5	US-PGPUB; USPAT	OR	ON	2010/05/12 13:32
L80	102	76 and 79	US-PGPUB; USPAT	OR	ON	2010/05/12 13:32
L81	1	29 and 80	US-PGPUB; USPAT	OR	ON	2010/05/12 13:32

L82	101	80 not 81	US-PGPUB; USPAT	OR	ON	2010/05/12 13:32
L83	5693	(359/726,733- 736,811,813,817,819,822-823).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/12 13:34
L84	1555	55 and 83	US-PGPUB; USPAT	OR	ON	2010/05/12 13:35
L85	1	77 and 84	US-PGPUB; USPAT	OR	ON	2010/05/12 13:35
L86	127	79 and 84	US-PGPUB; USPAT	OR	ON	2010/05/12 13:35
L87	121	86 not 80	US-PGPUB; USPAT	OR	ON	2010/05/12 13:36
L88	1431	(lens\$2 near2 barrel\$1) near5 (sink \$4 or collaps\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:37
L89	100452	(mirror\$3 or reflect\$4) near3 (move \$1 or moving or movable or withdrawn or shift\$3 or pivot\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:37
L90	40	88 and 89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:38
L91	107884	zoom\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:38
L92	351869	(variable or vary\$3 or varies or chang \$3) near5 (focal or power\$1 or magnification\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:38
L93	1506	varifocal\$1 or vari-focal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:38

L94	4781	variable-focal or (variable adj focal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:38
L95	19025	variable-power or (variable adj power)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:39
L96	434640	91 or 92 or 93 or 94 or 95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:39
L97	32	90 and 96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:39
L98	46917	(mirror\$3 or reflect\$4 or deflect\$4) with (pivot\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:40
L99	109038	(mirror\$3 or reflect\$4 or deflect\$4) near5 (move\$1 or moving)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:40
L100	39797	(mirror\$3 or reflect\$4 or deflect\$4) near5 (shift\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:41
L101	175422	98 or 99 or 100	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:41
L102	18545	96 and 101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:41
L103	58	88 and 102	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:41



L104	82527	(mirror\$3 or reflect\$4) near3 (fulcrum\$1 or rotat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:43
L105	18	88 and 104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:43
L106	10153	96 and 104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:44
L107	14	88 and 106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/12 13:44

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L108	0	zoom\$3 with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4). clm.	USPAT; UPAD	OR	ON	2010/05/12 13:46
L109	0	(variable or vary\$3 or varies or chang\$4) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4). clm.	USPAT; UPAD	OR	ON	2010/05/12 13:47

L110	0	(varifocal\$1 or vari-focal\$1) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4).clm.	USPAT; UPAD	OR	ON	2010/05/12 13:48
L111	0	((variable-focal) or (variable adj focal)) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4).clm.	USPAT; UPAD	OR	ON	2010/05/12 13:48
L112	0	((variable-power) or (variable adj power)) with ((third) near5 (group or unit)) with (reflect\$4 or deflect\$4) with (aspher\$5 or non-spher\$5) with sink\$3 with (fulcrum\$1 or pivot\$4).clm.	USPAT; UPAD	OR	ON	2010/05/12 13:49

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